

1 Claim ~~12~~⁵ A method for creating a hole for a permanent fastener which
2 fastens a first workpiece to an adjacent second workpiece, comprising the steps of:

3 a) providing a tacking fastener that includes a shank which has an
4 inner channel, a first end, a second end and a shank head which extends from
5 said first end, said tacking fastener further includes a stem that extends through
6 said inner channel of said shank and has a head located adjacent to said second
7 end of said shank;

8 b) drilling a first hole through the first and second workpieces;

9 c) inserting said shank and said stem into said first hole so that said
10 stem head extends from the second workpiece and said shank head is adjacent to
11 the first workpiece;

12 d) pulling said stem head through said inner channel to expand said
13 shank and secure said shank to the first and second workpieces; and,

B1 Cont.
14 e) drilling said shank head, said shank and the first and second
15 workpieces ~~with~~^{with} a drill ^{bit} that has a diameter larger than a diameter of said conical
16 shaped head.

1 Claim ~~12~~⁶ The method as recited in claim ~~12~~⁵, wherein said stem head is
2 deflected when said stem head is pulled through said inner channel of said
3 shank.

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1 Claim ~~14~~⁷ The method as recited in claim ~~12~~⁵, further comprising the step
2 of inserting a permanent fastener after step (e).

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1 Claim ~~16~~⁸ A method for creating a hole for a permanent fastener which
2 fastens a first workpiece to an adjacent second workpiece, wherein the first
3 workpiece has a flat outer surface, comprising the steps of:

4 a) providing a tacking fastener that includes a shank which has an
5 inner channel, a first end, a second end and a conical shaped head which extends
6 from said first end, said tacking fastener further includes a stem that extends
7 through said inner channel of said shank and has a head located adjacent to said
8 second end of said shank;

9 b) drilling a first hole through the first and second workpieces;

10 c) inserting said shank and said stem into said first hole so that said
11 stem head extends from the second workpiece and said conical shaped head
12 extends from the flat outer surface of the first workpiece;

13 d) pulling said stem head through said inner channel to expand said
14 shank and secure said shank to the first and second workpieces; and,

15 e) drilling said conical shaped head, said shank and the first and
16 second workpieces ~~with a drill~~ ^{add bit}

1 ~~Claim 16. The method as recited in claim 15, wherein said drill has a~~
2 ~~diameter that is larger than a diameter of said conical shaped head.~~

1 ⁹ Claim ~~17~~ ^{15 8}. The method as recited in claim ~~8~~ ^{15 8}, wherein said stem head is
2 deflected when said stem head is pulled through said inner channel of said
3 shank.

1 ¹⁰ Claim ~~18~~ ^{15 8}. The method as recited in claim ~~8~~ ^{15 8}, wherein said drill ^{bit} has a
2 drill angle that is different than an angle of said conical shaped head.

1 ¹¹ Claim ~~19~~ ^{15 8}. The method as recited in claim ~~8~~ ^{15 8}, further comprising the step
2 of inserting a permanent fastener after step (e).